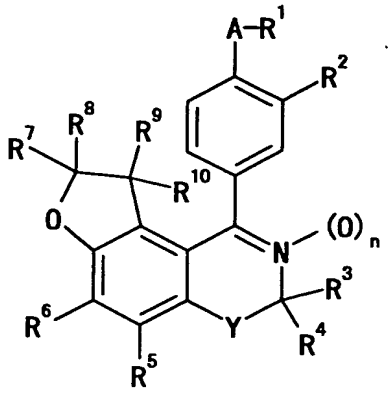
CLAIMS

1. A compound represented by the formula



wherein A represents (1) a bond, (2) a group represented by the formula $-CR^a=CR^b-$ (R^a and R^b each represent a hydrogen atom or a C_{1-6} alkyl group), (3) a group represented by the formula $-(CONH)_p-(C(R^c)(R^d))_q-$ (R^c and R^d each represent a hydrogen atom or a C_{1-6} alkyl group, p represents 0 or 1 and q represents 1 or 2), (4) a group represented by the formula $-CH_2OCH_2-$ or (5) a group represented by the formula $-OCH_2-$;

R^1 represents (1) a cyano group or (2) an optionally esterified or amidated carboxyl group;

R^2 represents (1) a hydrogen atom, (2) an optionally substituted hydroxy group, (3) an optionally substituted amino group, (4) an optionally substituted alkyl group, (5) an optionally esterified or amidated carboxyl group or (6) a nitro group, or R^2 and A or R^1 may be taken together with the adjacent carbon atom to form a ring;

R^3 and R^4 each represent (1) a hydrogen atom, (2) an optionally substituted hydrocarbon group or (3) an acyl group, or R^3 and R^4 may be taken together with the adjacent carbon atom to form an optionally substituted 3- to 8-membered ring;

R^5 represents (1) a hydrogen atom, (2) a cyano group, (3) an optionally substituted hydrocarbon group, (4) an acyl group or (5) an optionally substituted hydroxy group;

R^6 represents (1) a hydrogen atom, (2) an optionally substituted hydrocarbon group, (3) an acyl group, (4) an

optionally substituted heterocyclic group, (5) a halogen atom, (6) an optionally substituted hydroxy group, (7) an optionally substituted thiol group, (8) a group represented by the formula $-S(O)_rR^{11}$ (R^{11} represents an optionally substituted hydrocarbon group or an optionally substituted heterocyclic group and r is 1 or 2) or (9) an optionally substituted amino group;

R^7 and R^8 each represent (1) a hydrogen atom or (2) an optionally substituted hydrocarbon group, or R^7 and R^8 may be taken together with the adjacent carbon atom to form an optionally substituted 3- to 8-membered ring;

R^9 and R^{10} each represent (1) a hydrogen atom or (2) an optionally substituted hydrocarbon group;

Y represents an optionally substituted methylene group; and

n represents 0 or 1,

provided that if A is a bond, R^2 is not a hydrogen atom, and if A is a group represented by the formula $-(CONH)_p-(C(R^c)(R^d))_q-$ (R^c and R^d each represent a hydrogen atom or a C_{1-6} alkyl group, p represents 0 or 1 and q represents 1 or 2), R^6 is not methoxy, or a salt thereof.

2. The compound according to claim 1, wherein R^1 is (i) a cyano group, (ii) a carboxyl group, (iii) a C_{1-6} alkoxy-carbonyl group which may have 1 to 5 substituents selected from a group consisting of (1) a halogen atom, (2) a C_{1-3} alkylenedioxy group, (3) a nitro group, (4) a cyano group, (5) an optionally halogenated C_{1-6} alkyl group, (6) an optionally halogenated C_{2-6} alkenyl group, (7) an optionally halogenated C_{2-6} alkynyl group, (8) a C_{3-8} cycloalkyl group, (9) a C_{6-14} aryl group, (10) an optionally halogenated C_{1-6} alkoxy group, (11) an optionally halogenated C_{1-6} alkylthio group, (12) a hydroxy group, (13) an amino group, (14) a mono-C_{1-6} alkylamino group, (15) a mono-C_{6-14} arylamino group, (16) a di-C_{1-6} alkylamino group, (17) a di-C_{6-14} arylamino group, (18) an acyl group selected from formyl, carboxyl, carbamoyl, C_{1-6} alkyl-carbonyl, C_{3-8} cycloalkyl-carbonyl, C_{1-6} alkoxy-carbonyl, C_{6-14} aryl-carbonyl, C_{7-16} aralkyl-carbonyl, C_{6-14}

aryloxy-carbonyl, C_{7-16} aralkyloxy-carbonyl, 5- or 6-membered heterocyclic carbonyl containing 1 to 3 hetero atoms selected from a nitrogen atom, a sulfur atom and an oxygen atom in addition to carbon atoms, mono-C_{1-6} alkyl-carbamoyl, di-C_{1-6} alkyl-carbamoyl, mono-C_{6-14} aryl-carbamoyl, di-C_{6-14} aryl-carbamoyl, 5- or 6-membered heterocyclic carbamoyl containing 1 to 3 hetero atoms selected from a nitrogen atom, a sulfur atom and an oxygen atom in addition to carbon atoms, C_{1-6} alkyl-thiocarbonyl, C_{3-8} cycloalkyl-thiocarbonyl, C_{1-6} alkoxy-thiocarbonyl, C_{6-14} aryl-thiocarbonyl, C_{7-16} aralkyl-thiocarbonyl, C_{6-14} aryloxy-thiocarbonyl, C_{7-16} aralkyloxy-thiocarbonyl, 5- or 6-membered heterocyclic thiocarbonyl containing 1 to 3 hetero atoms selected from a nitrogen atom, a sulfur atom and an oxygen atom in addition to carbon atoms, thiocarbamoyl, mono-C_{1-6} alkyl-thiocarbamoyl, di-C_{1-6} alkyl-thiocarbamoyl, mono-C_{6-14} aryl-thiocarbamoyl, di-C_{6-14} aryl-thiocarbamoyl, 5- or 6-membered heterocyclic thiocarbamoyl containing 1 to 3 hetero atoms selected from a nitrogen atom, a sulfur atom and an oxygen atom in addition to carbon atoms, sulfamoyl, mono-C_{1-6} alkylsulfamoyl, di-C_{1-6} alkylsulfamoyl, C_{6-14} arylsulfamoyl, C_{1-6} alkylsulfonyl, C_{6-14} arylsulfonyl, C_{1-6} alkylsulfinyl, C_{6-14} arylsulfinyl, sulfino, sulfo, C_{1-6} alkoxysulfinyl, C_{6-14} aryloxysulfinyl, C_{1-6} alkoxysulfonyl and C_{6-14} aryloxysulfonyl, (19) an acylamino group selected from formylamino, C_{1-6} alkyl-carboxamide, C_{6-14} aryl-carboxamide, C_{1-6} alkoxy-carboxamide, C_{1-6} alkylsulfonylamino and C_{6-14} arylsulfonylamino, (20) an acyloxy group selected from C_{1-6} alkyl-carbonyloxy, C_{6-14} aryl-carbonyloxy, C_{1-6} alkoxy-carbonyloxy, mono-C_{1-6} alkyl-carbamoyloxy, di-C_{1-6} alkyl-carbamoyloxy, mono-C_{6-14} aryl-carbamoyloxy, di-C_{6-14} aryl-carbamoyloxy and nicotinoyloxy, (21) a 5- to 14-membered heterocyclic group containing 1 to 4 hetero atoms selected from a nitrogen atom, a sulfur atom and an oxygen atom in addition to carbon atoms, (22) a phosphono group, (23) a C_{6-14} aryloxy group, (24) a di-C_{1-6} alkoxy-phosphoryl group, (25) a C_{6-14} arylthio group, (26) a hydrazino group, (27) an imino group, (28) an oxo group, (29) an ureido group, (30) a C_{1-6} alkyl-ureido

group, (31) a di-C_{1-6} alkyl-ureido group, (32) an oxide group and (33) a group formed by binding of 2 or 3 groups selected from (1) to (32) listed above and the like (hereinafter, abbreviated as Substituent group A), (iv) a C_{3-8} cycloalkyloxy-carbonyl group which may have 1 to 5 substituents selected from Substituent group A described above, (v) a C_{7-16} aralkyloxy-carbonyl group which may have 1 to 5 substituents selected from Substituent group A described above, (vi) a C_{6-14} aryloxy-carbonyl group which may have 1 to 5 substituents selected from Substituent group A described above, (vii) a carbamoyl group, (viii) a mono-C_{1-6} alkyl-carbamoyl group which may have 1 to 5 substituents selected from Substituent group A described above, (ix) a di-C_{1-6} alkyl-carbamoyl group which may have 1 to 5 substituents selected from Substituent group A described above, (x) a mono-C_{6-14} aryl-carbamoyl group which may have 1 to 5 substituents selected from Substituent group A described above or (xi) a di-C_{6-14} aryl-carbamoyl group which may have 1 to 5 substituents selected from Substituent group A described above,

R^2 is (i) a hydrogen atom, (ii) a group represented by the formula $-OR^{12}$ (R^{12} represents (a) a hydrogen atom, (b) a C_{1-6} alkyl group, C_{2-6} alkenyl group, C_{2-6} alkynyl group, C_{3-8} cycloalkyl group, C_{3-8} cycloalkenyl group, C_{6-14} aryl group or C_{7-16} aralkyl group, each of which may have 1 to 5 substituents selected from Substituent group A described above, or (c) an acyl group selected from formyl, carbamoyl, C_{1-6} alkyl-carbonyl, C_{3-8} cycloalkyl-carbonyl, C_{1-6} alkoxy-carbonyl, C_{6-14} aryl-carbonyl, C_{7-16} aralkyl-carbonyl, C_{6-14} aryloxy-carbonyl, C_{7-16} aralkyloxy-carbonyl, 5- or 6-membered heterocyclic carbonyl containing 1 to 3 hetero atoms selected from a nitrogen atom, a sulfur atom and an oxygen atom in addition to carbon atoms, mono-C_{1-6} alkyl-carbamoyl, di-C_{1-6} alkyl-carbamoyl, mono-C_{6-14} aryl-carbamoyl, di-C_{6-14} aryl-carbamoyl, 5- or 6-membered heterocyclic carbamoyl containing 1 to 3 hetero atoms selected from a nitrogen atom, a sulfur atom and an oxygen atom in addition to carbon atoms, C_{1-6} alkyl-thiocarbonyl, C_{3-8} cycloalkyl-thiocarbonyl, C_{1-6} alkoxy-thiocarbonyl, C_{6-14} aryl-thiocarbonyl, C_{7-16}

aralkyl-thiocarbonyl, C_{6-14} aryloxy-thiocarbonyl, C_{7-16} aralkyloxy-thiocarbonyl, 5- or 6-membered heterocyclic thiocarbonyl containing 1 to 3 hetero atoms selected from a nitrogen atom, a sulfur atom and an oxygen atom in addition to carbon atoms, thiocarbamoyl, mono-C_{1-6} alkyl-thiocarbamoyl, di-C_{1-6} alkyl-thiocarbamoyl, mono-C_{6-14} aryl-thiocarbamoyl, di-C_{6-14} aryl-thiocarbamoyl, 5- or 6-membered heterocyclic thiocarbamoyl containing 1 to 3 hetero atoms selected from a nitrogen atom, a sulfur atom and an oxygen atom in addition to carbon atoms, sulfamoyl, mono-C_{1-6} alkylsulfamoyl, di-C_{1-6} alkylsulfamoyl, C_{6-14} arylsulfamoyl, C_{1-6} alkylsulfonyl, C_{6-14} arylsulfonyl, C_{1-6} alkylsulfinyl, C_{6-14} arylsulfinyl, C_{1-6} alkoxysulfinyl, C_{6-14} aryloxysulfinyl, C_{1-6} alkoxysulfonyl and C_{6-14} aryloxysulfonyl, which may have 1 to 5 substituents selected from Substituent group A described above), (iii) a group represented by the formula -$NR^{13}R^{14}$ (R^{13} and R^{14} are each (i') a hydrogen atom, (ii') a C_{1-6} alkyl group, C_{2-6} alkenyl group, C_{2-6} alkynyl group, C_{3-8} cycloalkyl group, C_{3-8} cycloalkenyl group, C_{6-14} aryl group or C_{7-16} aralkyl group, each of which may have 1 to 5 substituents selected from Substituent group A described above, (iii') an acyl group selected from formyl, carbamoyl, C_{1-6} alkyl-carbonyl, C_{3-8} cycloalkyl-carbonyl, C_{1-6} alkoxy-carbonyl, C_{6-14} aryl-carbonyl, C_{7-16} aralkyl-carbonyl, C_{6-14} aryloxy-carbonyl, C_{7-16} aralkyloxy-carbonyl, 5- or 6-membered heterocyclic carbonyl containing 1 to 3 hetero atoms selected from a nitrogen atom, a sulfur atom and an oxygen atom in addition to carbon atoms, mono-C_{1-6} alkyl-carbamoyl, di-C_{1-6} alkyl-carbamoyl, mono-C_{6-14} aryl-carbamoyl, di-C_{6-14} aryl-carbamoyl, 5- or 6-membered heterocyclic carbamoyl containing 1 to 3 hetero atoms selected from a nitrogen atom, a sulfur atom and an oxygen atom in addition to carbon atoms, C_{1-6} alkyl-thiocarbonyl, C_{3-8} cycloalkyl-thiocarbonyl, C_{1-6} alkoxy-thiocarbonyl, C_{6-14} aryl-thiocarbonyl, C_{7-16} aralkyl-thiocarbonyl, C_{6-14} aryloxy-thiocarbonyl, C_{7-16} aralkyloxy-thiocarbonyl, 5- or 6-membered heterocyclic thiocarbonyl containing 1 to 3 hetero atoms selected from a nitrogen atom, a sulfur atom and an oxygen atom in addition to carbon atoms,

thiocarbamoyl, mono-C_{1-6} alkyl-thiocarbamoyl, di-C_{1-6} alkyl-thiocarbamoyl, mono-C_{6-14} aryl-thiocarbamoyl, di-C_{6-14} aryl-thiocarbamoyl, 5- or 6-membered heterocyclic thiocarbamoyl containing 1 to 3 hetero atoms selected from a nitrogen atom, a sulfur atom and an oxygen atom in addition to carbon atoms, sulfamoyl, mono-C_{1-6} alkylsulfamoyl, di-C_{1-6} alkylsulfamoyl, C_{6-14} arylsulfamoyl, C_{1-6} alkylsulfonyl, C_{6-14} arylsulfonyl, C_{1-6} alkylsulfinyl, C_{6-14} arylsulfinyl, C_{1-6} alkoxysulfinyl, C_{6-14} aryloxysulfinyl, C_{1-6} alkoxysulfonyl and C_{6-14} aryloxysulfonyl, which may have 1 to 5 substituents selected from Substituent group A described above or (iv') a 5- to 14-membered heterocycle containing 1 to 4 hetero atoms selected from a nitrogen atom, a sulfur atom and an oxygen atom in addition to carbon atoms, which may have 1 to 5 substituents selected from Substituent group A described above, or R^{13} and R^{14} may be taken together with the adjacent a nitrogen atom to form a 5- to 14-membered ring), (iv) a C_{1-6} alkylideneamino group which may have 1 to 5 substituents selected from Substituent group A described above, (v) a C_{1-6} alkyl group which may have 1 to 5 substituents selected from Substituent group A described above, (vi) a carboxyl group, (vii) a C_{1-6} alkoxy-carbonyl group which may have 1 to 5 substituents selected from Substituent group A described above, (viii) a C_{3-8} cycloalkyloxy-carbonyl group which may have 1 to 5 substituents selected from Substituent group A described above, (ix) a C_{7-16} aralkyloxy-carbonyl group which may have 1 to 5 substituents selected from Substituent group A described above, (x) a C_{6-14} aryloxy-carbonyl group which may have 1 to 5 substituents selected from Substituent group A described above, (xi) a carbamoyl group, (xii) a mono-C_{1-6} alkyl-carbamoyl group which may have 1 to 5 substituents selected from Substituent group A described above, (xiii) a di-C_{1-6} alkyl-carbamoyl group which may have 1 to 5 substituents selected from Substituent group A described above, (xiv) a mono-C_{6-14} aryl-carbamoyl group which may have 1 to 5 substituents selected from Substituent group A described above, (xv) a di-C_{6-14} aryl-carbamoyl group which may have 1 to 5

substituents selected from Substituent group A described above or (xvi) a nitro group, or R^2 and A or R^1 may be taken together to form a 5- to 14-membered ring containing 1 to 4 hetero atoms selected from a nitrogen atom and an oxygen atom in addition to carbon atoms, which may have 1 to 5 substituents selected from Substituent group A described above;

each of R^3 and R^4 is any of the following (i) to (iii):

(i) a hydrogen atom,

(ii) a C_{1-6} alkyl group, C_{2-6} alkenyl group, C_{2-6} alkynyl group, C_{3-8} cycloalkyl group, C_{3-8} cycloalkenyl group, C_{6-14} aryl group or C_{7-16} aralkyl group, each of which may have 1 to 5 substituents selected from Substituent group A described above,

(iii) an acyl group selected from formyl, carboxyl, carbamoyl, C_{1-6} alkyl-carbonyl, C_{3-8} cycloalkyl-carbonyl, C_{1-6} alkoxy-carbonyl, C_{6-14} aryl-carbonyl, C_{7-16} aralkyl-carbonyl, C_{6-14} aryloxy-carbonyl, C_{7-16} aralkyloxy-carbonyl, 5- or 6-membered heterocyclic carbonyl containing 1 to 3 hetero atoms selected from a nitrogen atom, a sulfur atom and an oxygen atom in addition to carbon atoms, mono-C_{1-6} alkyl-carbamoyl, di-C_{1-6} alkyl-carbamoyl, mono-C_{6-14} aryl-carbamoyl, di-C_{6-14} aryl-carbamoyl, 5- or 6-membered heterocyclic carbamoyl containing 1 to 3 hetero atoms selected from a nitrogen atom, a sulfur atom and an oxygen atom in addition to carbon atoms, C_{1-6} alkyl-thiocarbonyl, C_{3-8} cycloalkyl-thiocarbonyl, C_{1-6} alkoxy-thiocarbonyl, C_{6-14} aryl-thiocarbonyl, C_{7-16} aralkyl-thiocarbonyl, C_{6-14} aryloxy-thiocarbonyl, C_{7-16} aralkyloxy-thiocarbonyl, 5- or 6-membered heterocyclic thiocarbonyl containing 1 to 3 hetero atoms selected from a nitrogen atom, a sulfur atom and an oxygen atom in addition to carbon atoms, thiocarbamoyl, mono-C_{1-6} alkyl-thiocarbamoyl, di-C_{1-6} alkyl-thiocarbamoyl, mono-C_{6-14} aryl-thiocarbamoyl, di-C_{6-14} aryl-thiocarbamoyl, 5- or 6-membered heterocyclic thiocarbamoyl containing 1 to 3 hetero atoms selected from a nitrogen atom, a sulfur atom and an oxygen atom in addition to carbon atoms, sulfamoyl, mono-C_{1-6} alkylsulfamoyl, di-C_{1-6} alkylsulfamoyl, C_{6-14} arylsulfamoyl, C_{1-6} alkylsulfonyl, C_{6-14} arylsulfonyl, C_{1-6} alkylsulfinyl, C_{6-14} arylsulfinyl, sulfino, sulfo,

C_{1-6} alkoxysulfinyl, C_{6-14} aryloxysulfinyl, C_{1-6} alkoxysulfonyl and C_{6-14} aryloxysulfonyl, which may have 1 to 5 substituents selected from Substituent group A described above; or

R^3 and R^4 may be taken together with the adjacent carbon atom to form C_{3-8} cycloalkane or a 3- to 8-membered heterocycle, which may have respectively 1 to 3 substituents selected from C_{1-6} alkyl, C_{6-14} aryl, C_{7-16} aralkyl, amino, mono-C_{1-6} alkylamino, mono-C_{6-14} arylamino, di-C_{1-6} alkylamino, di-C_{6-14} arylamino and a 4- to 10-membered aromatic heterocyclic group,

R^5 is (i) a hydrogen atom, (ii) a cyano group, (iii) a C_{1-6} alkyl group, C_{2-6} alkenyl group, C_{2-6} alkynyl group, C_{3-8} cycloalkyl group, C_{3-8} cycloalkenyl group, C_{6-14} aryl group or C_{7-16} aralkyl group, each of which may have 1 to 5 substituents selected from Substituent group A described above, (iv) an acyl group selected from formyl, carboxyl, carbamoyl, C_{1-6} alkyl-carbonyl, C_{3-8} cycloalkyl-carbonyl, C_{1-6} alkoxy-carbonyl, C_{6-14} aryl-carbonyl, C_{7-16} aralkyl-carbonyl, C_{6-14} aryloxy-carbonyl, C_{7-16} aralkyloxy-carbonyl, 5- or 6-membered heterocyclic carbonyl containing 1 to 3 hetero atoms selected from a nitrogen atom, a sulfur atom and an oxygen atom in addition to carbon atoms, mono-C_{1-6} alkyl-carbamoyl, di-C_{1-6} alkyl-carbamoyl, mono-C_{6-14} aryl-carbamoyl, di-C_{6-14} aryl-carbamoyl, 5- or 6-membered heterocyclic carbamoyl containing 1 to 3 hetero atoms selected from a nitrogen atom, a sulfur atom and an oxygen atom in addition to carbon atoms, C_{1-6} alkyl-thiocarbonyl, C_{3-8} cycloalkyl-thiocarbonyl, C_{1-6} alkoxy-thiocarbonyl, C_{6-14} aryl-thiocarbonyl, C_{7-16} aralkyl-thiocarbonyl, C_{6-14} aryloxy-thiocarbonyl, C_{7-16} aralkyloxy-thiocarbonyl, 5- or 6-membered heterocyclic thiocarbonyl containing 1 to 3 hetero atoms selected from a nitrogen atom, a sulfur atom and an oxygen atom in addition to carbon atoms, thiocarbamoyl, mono-C_{1-6} alkyl-thiocarbamoyl, di-C_{1-6} alkyl-thiocarbamoyl, mono-C_{6-14} aryl-thiocarbamoyl, di-C_{6-14} aryl-thiocarbamoyl, 5- or 6-membered heterocyclic thiocarbamoyl containing 1 to 3 hetero atoms selected from a nitrogen atom, a sulfur atom and an oxygen atom in addition to carbon atoms, sulfamoyl, mono-C_{1-6} alkylsulfamoyl, di-C_{1-6} alkylsulfamoyl, C_{6-14}

arylsulfamoyl, C_{1-6} alkylsulfonyl, C_{6-14} arylsulfonyl, C_{1-6} alkylsulfinyl, C_{6-14} arylsulfinyl, sulfino, sulfo, C_{1-6} alkoxysulfinyl, C_{6-14} aryloxysulfinyl, C_{1-6} alkoxysulfonyl and C_{6-14} aryloxysulfonyl, which may have 1 to 5 substituents selected from Substituent group A described above, or (v) a group represented by the formula $-OR^{15}$ (R^{15} represents (a) a hydrogen atom, (b) a C_{1-6} alkyl group, C_{2-6} alkenyl group, C_{2-6} alkynyl group, C_{3-8} cycloalkyl group, C_{3-8} cycloalkenyl group, C_{6-14} aryl group or C_{7-16} aralkyl group, each of which may have 1 to 5 substituents selected from Substituent group A described above, or (c) an acyl group selected from formyl, carbamoyl, C_{1-6} alkyl-carbonyl, C_{3-8} cycloalkyl-carbonyl, C_{1-6} alkoxy-carbonyl, C_{6-14} aryl-carbonyl, C_{7-16} aralkyl-carbonyl, C_{6-14} aryloxy-carbonyl, C_{7-16} aralkyloxy-carbonyl, 5- or 6-membered heterocyclic carbonyl containing 1 to 3 hetero atoms selected from a nitrogen atom, a sulfur atom and an oxygen atom in addition to carbon atoms, mono-C_{1-6} alkyl-carbamoyl, di-C_{1-6} alkyl-carbamoyl, mono-C_{6-14} aryl-carbamoyl, di-C_{6-14} aryl-carbamoyl, 5- or 6-membered heterocyclic carbamoyl containing 1 to 3 hetero atoms selected from a nitrogen atom, a sulfur atom and an oxygen atom in addition to carbon atoms, C_{1-6} alkyl-thiocarbonyl, C_{3-8} cycloalkyl-thiocarbonyl, C_{1-6} alkoxy-thiocarbonyl, C_{6-14} aryl-thiocarbonyl, C_{7-16} aralkyl-thiocarbonyl, C_{6-14} aryloxy-thiocarbonyl, C_{7-16} aralkyloxy-thiocarbonyl, 5- or 6-membered heterocyclic thiocarbonyl containing 1 to 3 hetero atoms selected from a nitrogen atom, a sulfur atom and an oxygen atom in addition to carbon atoms, thiocarbamoyl, mono-C_{1-6} alkyl-thiocarbamoyl, di-C_{1-6} alkyl-thiocarbamoyl, mono-C_{6-14} aryl-thiocarbamoyl, di-C_{6-14} aryl-thiocarbamoyl, 5- or 6-membered heterocyclic thiocarbamoyl containing 1 to 3 hetero atoms selected from a nitrogen atom, a sulfur atom and an oxygen atom in addition to carbon atoms, sulfamoyl, mono-C_{1-6} alkylsulfamoyl, di-C_{1-6} alkylsulfamoyl, C_{6-14} arylsulfamoyl, C_{1-6} alkylsulfonyl, C_{6-14} arylsulfonyl, C_{1-6} alkylsulfinyl, C_{6-14} arylsulfinyl, C_{1-6} alkoxysulfinyl, C_{6-14} aryloxysulfinyl, C_{1-6} alkoxysulfonyl and C_{6-14} aryloxysulfonyl, which may have 1 to 5 substituents selected from Substituent group

A described above),

R^6 is any of the following (i) to (x):

(i) a hydrogen atom,

(ii) a C_{1-6} alkyl group, C_{2-6} alkenyl group, C_{2-6} alkynyl group, C_{3-8} cycloalkyl group, C_{3-8} cycloalkenyl group, C_{6-14} aryl group or C_{7-16} aralkyl group, each of which may have 1 to 5 substituents selected from Substituent group A described above,

(iii) an acyl group selected from formyl, carboxyl, carbamoyl, C_{1-6} alkyl-carbonyl, C_{3-8} cycloalkyl-carbonyl, C_{1-6} alkoxy-carbonyl, C_{6-14} aryl-carbonyl, C_{7-16} aralkyl-carbonyl, C_{6-14} aryloxy-carbonyl, C_{7-16} aralkyloxy-carbonyl, 5- or 6-membered heterocyclic carbonyl containing 1 to 3 hetero atoms selected from a nitrogen atom, a sulfur atom and an oxygen atom in addition to carbon atoms, mono-C_{1-6} alkyl-carbamoyl, di-C_{1-6} alkyl-carbamoyl, mono-C_{6-14} aryl-carbamoyl, di-C_{6-14} aryl-carbamoyl, 5- or 6-membered heterocyclic carbamoyl containing 1 to 3 hetero atoms selected from a nitrogen atom, a sulfur atom and an oxygen atom in addition to carbon atoms, C_{1-6} alkyl-thiocarbonyl, C_{3-8} cycloalkyl-thiocarbonyl, C_{1-6} alkoxy-thiocarbonyl, C_{6-14} aryl-thiocarbonyl, C_{7-16} aralkyl-thiocarbonyl, C_{6-14} aryloxy-thiocarbonyl, C_{7-16} aralkyloxy-thiocarbonyl, 5- or 6-membered heterocyclic thiocarbonyl containing 1 to 3 hetero atoms selected from a nitrogen atom, a sulfur atom and an oxygen atom in addition to carbon atoms, thiocarbamoyl, mono-C_{1-6} alkyl-thiocarbamoyl, di-C_{1-6} alkyl-thiocarbamoyl, mono-C_{6-14} aryl-thiocarbamoyl, di-C_{6-14} aryl-thiocarbamoyl, 5- or 6-membered heterocyclic thiocarbamoyl containing 1 to 3 hetero atoms selected from a nitrogen atom, a sulfur atom and an oxygen atom in addition to carbon atoms, sulfamoyl, mono-C_{1-6} alkylsulfamoyl, di-C_{1-6} alkylsulfamoyl, C_{6-14} arylsulfamoyl, C_{1-6} alkylsulfonyl, C_{6-14} arylsulfonyl, C_{1-6} alkylsulfinyl, C_{6-14} arylsulfinyl, sulfino, sulfo, C_{1-6} alkoxysulfinyl, C_{6-14} aryloxysulfinyl, C_{1-6} alkoxysulfonyl and C_{6-14} aryloxysulfonyl, which may have 1 to 5 substituents selected from Substituent group A described above,

(iv) a 5- to 14-membered heterocycle containing 1 to 4 hetero atoms selected from a nitrogen atom, a sulfur atom and an oxygen

atom in addition to carbon atoms, which may have 1 to 5 substituents selected from Substituent group A described above,

(v) a halogen atom,

(vi) a group represented by the formula $-OR^{16}$ (R^{16} represents (i') a hydrogen atom, (ii') a C_{1-6} alkyl group, C_{2-6} alkenyl group, C_{2-6} alkynyl group, C_{3-8} cycloalkyl group, C_{3-8} cycloalkenyl group, C_{6-14} aryl group or C_{7-16} aralkyl group, each of which may have 1 to 5 substituents selected from Substituent group A described above, (iii') an acyl group selected from formyl, carbamoyl, C_{1-6} alkyl-carbonyl, C_{3-8} cycloalkyl-carbonyl, C_{1-6} alkoxy-carbonyl, C_{6-14} aryl-carbonyl, C_{7-16} aralkyl-carbonyl, C_{6-14} aryloxy-carbonyl, C_{7-16} aralkyloxy-carbonyl, 5- or 6-membered heterocyclic carbonyl containing 1 to 3 hetero atoms selected from a nitrogen atom, a sulfur atom and an oxygen atom in addition to carbon atoms, mono-C_{1-6} alkyl-carbamoyl, di-C_{1-6} alkyl-carbamoyl, mono-C_{6-14} aryl-carbamoyl, di-C_{6-14} aryl-carbamoyl, 5- or 6-membered heterocyclic carbamoyl containing 1 to 3 hetero atoms selected from a nitrogen atom, a sulfur atom and an oxygen atom in addition to carbon atoms, C_{1-6} alkyl-thiocarbonyl, C_{3-8} cycloalkyl-thiocarbonyl, C_{1-6} alkoxy-thiocarbonyl, C_{6-14} aryl-thiocarbonyl, C_{7-16} aralkyl-thiocarbonyl, C_{6-14} aryloxy-thiocarbonyl, C_{7-16} aralkyloxy-thiocarbonyl, 5- or 6-membered heterocyclic thiocarbonyl containing 1 to 3 hetero atoms selected from a nitrogen atom, a sulfur atom and an oxygen atom in addition to carbon atoms, thiocarbamoyl, mono-C_{1-6} alkyl-thiocarbamoyl, di-C_{1-6} alkyl-thiocarbamoyl, mono-C_{6-14} aryl-thiocarbamoyl, di-C_{6-14} aryl-thiocarbamoyl, 5- or 6-membered heterocyclic thiocarbamoyl containing 1 to 3 hetero atoms selected from a nitrogen atom, a sulfur atom and an oxygen atom in addition to carbon atoms, sulfamoyl, mono-C_{1-6} alkylsulfamoyl, di-C_{1-6} alkylsulfamoyl, C_{6-14} arylsulfamoyl, C_{1-6} alkylsulfonyl, C_{6-14} arylsulfonyl, C_{1-6} alkylsulfinyl, C_{6-14} arylsulfinyl, C_{1-6} alkoxysulfinyl, C_{6-14} aryloxysulfinyl, C_{1-6} alkoxysulfonyl and C_{6-14} aryloxysulfonyl, which may have 1 to 5 substituents selected from Substituent group A described above, or (iv') a 5- to 14-membered heterocycle containing 1 to 4 hetero atoms selected from a

nitrogen atom, a sulfur atom and an oxygen atom in addition to carbon atoms, which may have 1 to 5 substituents selected from Substituent group A described above),

(vii) a group represented by the formula $-SR^{17}$ (R^{17} represents (i') a hydrogen atom, (ii') a C_{1-6} alkyl group, C_{2-6} alkenyl group, C_{2-6} alkynyl group, C_{3-8} cycloalkyl group, C_{3-8} cycloalkenyl group, C_{6-14} aryl group or C_{7-16} aralkyl group, each of which may have 1 to 5 substituents selected from Substituent group A described above, (iii') an acyl group selected from formyl, carbamoyl, C_{1-6} alkyl-carbonyl, C_{3-8} cycloalkyl-carbonyl, C_{1-6} alkoxy-carbonyl, C_{6-14} aryl-carbonyl, C_{7-16} aralkyl-carbonyl, C_{6-14} aryloxy-carbonyl, C_{7-16} aralkyloxy-carbonyl, 5- or 6-membered heterocyclic carbonyl containing 1 to 3 hetero atoms selected from a nitrogen atom, a sulfur atom and an oxygen atom in addition to carbon atoms, mono-C_{1-6} alkyl-carbamoyl, di-C_{1-6} alkyl-carbamoyl, mono-C_{6-14} aryl-carbamoyl, di-C_{6-14} aryl-carbamoyl, 5- or 6-membered heterocyclic carbamoyl containing 1 to 3 hetero atoms selected from a nitrogen atom, a sulfur atom and an oxygen atom in addition to carbon atoms, C_{1-6} alkyl-thiocarbonyl, C_{3-8} cycloalkyl-thiocarbonyl, C_{1-6} alkoxy-thiocarbonyl, C_{6-14} aryl-thiocarbonyl, C_{7-16} aralkyl-thiocarbonyl, C_{6-14} aryloxy-thiocarbonyl, C_{7-16} aralkyloxy-thiocarbonyl, 5- or 6-membered heterocyclic thiocarbonyl containing 1 to 3 hetero atoms selected from a nitrogen atom, a sulfur atom and an oxygen atom in addition to carbon atoms, thiocarbamoyl, mono-C_{1-6} alkyl-thiocarbamoyl, di-C_{1-6} alkyl-thiocarbamoyl, mono-C_{6-14} aryl-thiocarbamoyl, di-C_{6-14} aryl-thiocarbamoyl, 5- or 6-membered heterocyclic thiocarbamoyl containing 1 to 3 hetero atoms selected from a nitrogen atom, a sulfur atom and an oxygen atom in addition to carbon atoms, sulfamoyl, mono-C_{1-6} alkylsulfamoyl, di-C_{1-6} alkylsulfamoyl, C_{6-14} arylsulfamoyl, C_{1-6} alkylsulfonyl, C_{6-14} arylsulfonyl, C_{1-6} alkylsulfinyl, C_{6-14} arylsulfinyl, C_{1-6} alkoxysulfinyl, C_{6-14} aryloxysulfinyl, C_{1-6} alkoxysulfonyl and C_{6-14} aryloxysulfonyl, which may have 1 to 5 substituents selected from Substituent group A described above or (iv') a 5- to 14-membered heterocycle containing 1 to 4 hetero atoms selected from a

nitrogen atom, a sulfur atom and an oxygen atom in addition to carbon atoms, which may have 1 to 5 substituents selected from Substituent group A described above),

(viii) a group represented by the formula $-S(O)_rR^{11}$ (R^{11} represents (i') a C_{1-6} alkyl group, C_{2-6} alkenyl group, C_{2-6} alkynyl group, C_{3-8} cycloalkyl group, C_{3-8} cycloalkenyl group, C_{6-14} aryl group or C_{7-16} aralkyl group, each of which may have 1 to 5 substituents selected from Substituent group A described above or (ii') a 5- to 14-membered heterocycle containing 1 to 4 hetero atoms selected from a nitrogen atom, a sulfur atom and an oxygen atom in addition to carbon atoms, which may have 1 to 5 substituents selected from Substituent group A described above and r is 1 or 2) or

(ix) a group represented by the formula $-NR^{18}R^{19}$ (R^{18} and R^{19} each represent (i') a hydrogen atom, (ii') a C_{1-6} alkyl group, C_{2-6} alkenyl group, C_{2-6} alkynyl group, C_{3-8} cycloalkyl group, C_{3-8} cycloalkenyl group, C_{6-14} aryl group or C_{7-16} aralkyl group, each of which may have 1 to 5 substituents selected from Substituent group A described above, (iii') an acyl group selected from formyl, carbamoyl, C_{1-6} alkyl-carbonyl, C_{3-8} cycloalkyl-carbonyl, C_{1-6} alkoxy-carbonyl, C_{6-14} aryl-carbonyl, C_{7-16} aralkyl-carbonyl, C_{6-14} aryloxy-carbonyl, C_{7-16} aralkyloxy-carbonyl, 5- or 6-membered heterocyclic carbonyl containing 1 to 3 hetero atoms selected from a nitrogen atom, a sulfur atom and an oxygen atom in addition to carbon atoms, mono-C_{1-6} alkyl-carbamoyl, di-C_{1-6} alkyl-carbamoyl, mono-C_{6-14} aryl-carbamoyl, di-C_{6-14} aryl-carbamoyl, 5- or 6-membered heterocyclic carbamoyl containing 1 to 3 hetero atoms selected from a nitrogen atom, a sulfur atom and an oxygen atom in addition to carbon atoms, C_{1-6} alkyl-thiocarbonyl, C_{3-8} cycloalkyl-thiocarbonyl, C_{1-6} alkoxy-thiocarbonyl, C_{6-14} aryl-thiocarbonyl, C_{7-16} aralkyl-thiocarbonyl, C_{6-14} aryloxy-thiocarbonyl, C_{7-16} aralkyloxy-thiocarbonyl, 5- or 6-membered heterocyclic thiocarbonyl containing 1 to 3 hetero atoms selected from a nitrogen atom, a sulfur atom and an oxygen atom in addition to carbon atoms, thiocarbamoyl, mono-C_{1-6} alkyl-thiocarbamoyl, di-C_{1-6} alkyl-

thiocarbamoyl, mono-C_{6-14} aryl-thiocarbamoyl, di-C_{6-14} aryl-thiocarbamoyl, 5- or 6-membered heterocyclic thiocarbamoyl containing 1 to 3 hetero atoms selected from a nitrogen atom, a sulfur atom and an oxygen atom in addition to carbon atoms, sulfamoyl, mono-C_{1-6} alkylsulfamoyl, di-C_{1-6} alkylsulfamoyl, C_{6-14} arylsulfamoyl, C_{1-6} alkylsulfonyl, C_{6-14} arylsulfonyl, C_{1-6} alkylsulfinyl, C_{6-14} arylsulfinyl, C_{1-6} alkoxysulfinyl, C_{6-14} aryloxysulfinyl, C_{1-6} alkoxysulfonyl and C_{6-14} aryloxysulfonyl, which may have 1 to 5 substituents selected from Substituent group A described above or (iv') a 5- to 14-membered heterocycle containing 1 to 4 hetero atoms selected from a nitrogen atom, a sulfur atom and an oxygen atom in addition to carbon atoms, which may have 1 to 5 substituents selected from Substituent group A described above),

R^7 and R^8 are each (i) a hydrogen atom or (ii) a C_{1-6} alkyl group, C_{2-6} alkenyl group, C_{2-6} alkynyl group, C_{3-8} cycloalkyl group, C_{3-8} cycloalkenyl group, C_{6-14} aryl group or C_{7-16} aralkyl group, each of which may have 1 to 5 substituents selected from Substituent group A described above, or R^7 and R^8 may be taken together with the adjacent carbon atom to form C_{3-8} cycloalkane or a 3- to 8-membered heterocycle, which may have respectively 1 to 3 substituents selected from C_{1-6} alkyl, C_{6-14} aryl, C_{7-16} aralkyl, amino, mono-C_{1-6} alkylamino, mono-C_{6-14} arylamino, di-C_{1-6} alkylamino, di-C_{6-14} arylamino and a 4- to 10-membered aromatic heterocyclic group;

R^9 and R^{10} are each (i) a hydrogen atom or (ii) a C_{1-6} alkyl group, C_{2-6} alkenyl group, C_{2-6} alkynyl group, C_{3-8} cycloalkyl group, C_{3-8} cycloalkenyl group, C_{6-14} aryl group or C_{7-16} aralkyl group, each of which may have 1 to 5 substituents selected from Substituent group A described above, and

Y is a methylene group which may have 1 or 2 substituents selected from Substituent group A described above.

3. The compound according to claim 1, wherein A is (1) a bond, (2) a group represented by the formula $-CR^a=CR^b-$ (R^a and R^b

each represent a hydrogen atom or a C_{1-6} alkyl group), (3) a group represented by the formula $-(CONH)_p-(C(R^c)(R^d))_q-$ (R^c and R^d each represent a hydrogen atom or a C_{1-6} alkyl group, p represents 0 or 1 and q represent s 1 or 2), (4) a group represented by the formula $-CH_2OCH_2-$ or (5) a group represented by the formula $-OCH_2-$,

R^1 is (1) a cyano group, (2) a carboxyl group, (3) a C_{1-6} alkoxycarbonyl group, (4) a carbamoyl group or (5) an N-mono-C_{1-6} alkylcarbamoyl group,

R^2 is (1) a hydrogen atom, (2) a hydroxy group, (3) a C_{1-6} alkoxy group, (4) a C_{7-16} aralkyloxy group, (5) an amino group, (6) a mono-C_{1-6} alkylamino group which may have one substituent selected from carboxyl, carbamoyl, quinolyl, phenoxy and pyridyl, (7) a mono-C_{7-16} aralkylamino group which may have one substituent selected from a halogen atom, cyano, C_{1-6} alkoxy, carboxyl and C_{1-6} alkoxycarbonyl, (8) a mono-C_{6-14} arylamino group, (9) a mono-C_{1-6} alkylcarbonylamino group which may have 1 to 3 substituents selected from a halogen atom, thienyl and C_{1-6} alkoxycarbonyl-C_{1-6} alkylthio, (10) a mono-C_{1-6} alkylsulfonylamino group, (11) a mono-C_{6-14} arylcarbonylamino group which may have one substituent selected from C_{1-6} alkoxy and C_{1-6} alkylcarbonylamino, (12) a quinolylcarbonylamino group, (13) a pyridylcarbonylamino group which may have 1 or 2 halogen atoms, (14) an indolylcarbonylamino group, (15) a N-C_{1-6} alkyl-N-C_{1-6} alkylcarbonylamino group which may have 1 to 4 substituents selected from a halogen atom, C_{1-6} alkoxycarbonyl and quinolyl, (16) a N-C_{1-6} alkylcarbonyl-N-C_{7-16} aralkylamino group which may have 1 to 3 halogens, (17) a N-C_{1-6} alkyl-N-pyridylcarbonylamino group, (18) a C_{1-6} alkylideneamino group which may have one di-C_{1-6} alkylamino, (19) a mono-C_{1-6} alkylureido group which may have one C_{1-6} alkoxycarbonyl, (20) a di-C_{1-6} alkylureido, (21) a mono-C_{6-14} arylureido group, (22) a 1-imidazolidinyl group which may have 1 to 3 substituents selected from C_{1-6} alkyl and oxo, (23) a C_{1-6} alkyl group, (24) a C_{1-6} alkoxycarbonyl group, (25) a nitro group or (26) a 1-pyrrolidinyl group, or

R^2 and A or R^1 may be taken together with the adjacent carbon atom

to form a nitrogen-containing 5- to 7-membered ring which may have 1 to 3 substituents selected from (1) a hydroxy group, (2) C_{1-6} alkyl which may have one C_{1-6} alkoxy-carbonyl, (3) C_{7-16} aralkyl, (4) C_{6-14} aryl and (5) oxo,

R^3 and R^4 are each a C_{1-6} alkyl group,

R^5 is a hydrogen atom,

R^6 is a C_{1-6} alkoxy group,

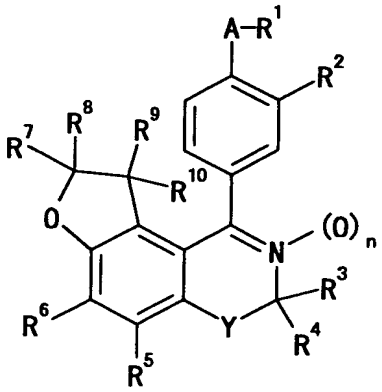
R^7 and R^8 are each a C_{1-6} alkyl group,

R^9 and R^{10} are each a hydrogen atom,

Y is a methylene group and

n is 0.

4. A compound represented by the formula



wherein A is (1) a bond, (2) a group represented by the formula -CH=CH-, (3) a group represented by the formula -CONH-$C(R^c)(R^d)$- (R^c and R^d are each a hydrogen atom or a C_{1-6} alkyl group), or (4) a group represented by the formula $-OCH_2-$,

R^1 is (1) a cyano group, (2) a carboxyl group, (3) a C_{1-6} alkoxycarbonyl group, (4) a carbamoyl group or (5) an N-mono-C_{1-6} alkylcarbamoyl group,

R^2 is (1) a hydroxy group, (2) a C_{1-6} alkoxy group, (3) a C_{7-16} aralkyloxy group, (4) an amino group, (5) a mono-C_{1-6} alkylamino group which may have one substituent selected from carboxyl, carbamoyl, quinolyl, phenoxy and pyridyl, (6) a mono-C_{7-16} aralkylamino group which may have one substituent selected from a halogen atom, cyano, C_{1-6} alkoxy, carboxyl and C_{1-6} alkoxycarbonyl,

(7) a mono-C_{6-14} arylamino group, (8) a mono-C_{1-6} alkylcarbonylamino group which may have 1 to 3 substituents selected from a halogen atom, thienyl and C_{1-6} alkoxycarbonyl-C_{1-6} alkylthio, (9) a mono-C_{1-6} alkylsulfonylamino group, (10) a mono-C_{6-14} arylcarbonylamino group which may have one substituent selected from C_{1-6} alkoxy and C_{1-6} alkylcarbonylamino, (11) a quinolylcarbonylamino group, (12) a pyridylcarbonylamino group which may have 1 or 2 halogen atoms, (13) an indolylcarbonylamino group, (14) a N-C_{1-6} alkyl-N-C_{1-6} alkylcarbonylamino group which may have 1 to 4 substituents selected from a halogen atom, C_{1-6} alkoxycarbonyl and quinolyl, (15) a N-C_{1-6} alkylcarbonyl-N-C_{7-16} aralkylamino group which may have 1 to 3 halogens, (16) a N-C_{1-6} alkyl-N-pyridylcarbonylamino group, (17) a C_{1-6} alkylideneamino group which may have one di-C_{1-6} alkylamino, (18) a mono-C_{1-6} alkylureido group which may have one C_{1-6} alkoxycarbonyl, (19) a di-C_{1-6} alkylureido group, (20) a mono-C_{6-14} arylureido group, (21) a 1-imidazolidinyl group which may have 1 to 3 substituents selected from C_{1-6} alkyl and oxo, (22) a C_{1-6} alkyl group, (23) a C_{1-6} alkoxycarbonyl group, (24) a nitro group or (25) a 1-pyrrolidinyl group, or R^2 and A or R^1 may be taken together with the adjacent carbon atom to form a nitrogen-containing 5- to 7-membered ring which may have 1 to 3 substituents selected from (1) a hydroxy group, (2) a C_{1-6} alkyl group which may have one C_{1-6} alkoxy-carbonyl, (3) a C_{7-16} aralkyl group, (4) a C_{6-14} aryl group and (5) an oxo group,

R^3 and R^4 are each a C_{1-6} alkyl group,

R^5 is a hydrogen atom,

R^6 is a C_{2-6} alkoxy group,

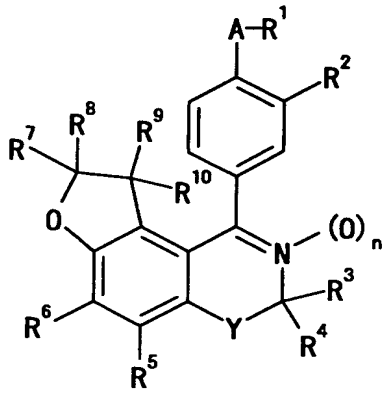
R^7 and R^8 are each a C_{1-6} alkyl group,

R^9 and R^{10} are each a hydrogen atom,

Y is a methylene group, and

n is 0, or a salt thereof.

5. A compound represented by the formula



wherein A is (1) a group represented by the formula $-CR^a=CR^b-$ (R^a and R^b are each a hydrogen atom or a C_{1-6} alkyl group), (2) a group represented by the formula $-(CONH)_p-(C(R^c)(R^d))_q-$ (R^c and R^d are each a hydrogen atom or a C_{1-6} alkyl group, p is 0 or 1 and q is 1 or 2), (3) a group represented by the formula $-CH_2OCH_2-$ or (4) a group represented by the formula $-OCH_2-$,

R^1 is (1) a carboxyl group, (2) a C_{1-6} alkoxycarbonyl group, (3) an N-mono-C_{1-6} alkylcarbamoyl group or (4) a carbamoyl group,

R^2 is a hydrogen atom,

R^3 and R^4 are each a C_{1-6} alkyl group,

R^5 is a hydrogen atom,

R^6 is a C_{2-6} alkoxy group,

R^7 and R^8 are each a C_{1-6} alkyl group,

R^9 and R^{10} are each a hydrogen atom,

Y is a methylene group, and

n is 0, or a salt thereof.

6. The compound according to claim 4, wherein A is (1) a bond or (2) a group represented by the formula -CH=CH-.

7. The compound according to claim 5, wherein A is (1) a group represented by the formula -CH=CH-, (2) a group represented by the formula $-(C(R^c)(R^d))-$ (R^c and R^d each represent a hydrogen atom or a C_{1-6} alkyl group) or (3) a group represented by the formula $-CH_2OCH_2-$.

8. The compound according to claim 4, wherein R^1 is a carboxyl group or a carbamoyl group.

9. The compound according to claim 5, wherein R^1 is a carboxyl group.

10. The compound according to claim 4, wherein R^2 is (1) a C_{1-6} alkoxy group, (2) a mono-C_{1-6} alkylamino group, (3) a mono-C_{7-16} aralkylamino group, (4) a quinolylcarbonylamino group or (5) a pyridylcarbonylamino group.

11. The compound according to claim 4 or 5, wherein R^3 and R^4 are each methyl.

12. The compound according to claim 4 or 5, wherein R^6 is ethoxy.

13. The compound according to claim 4 or 5, wherein R^7 and R^8 are each methyl.

14. The compound according to claim 4, which is 4-(6-ethoxy-3,4,8,9-tetrahydro-3,3,8,8-tetramethylfuro[2,3-h]isoquinolin-1-yl)-2-[(phenylmethyl)amino]benzoic acid, 4-(6-ethoxy-3,4,8,9-tetrahydro-3,3,8,8-tetramethylfuro[2,3-h]isoquinolin-1-yl)-2-(ethylamino)benzoic acid, (E)-3-[4-(6-ethoxy-3,4,8,9-tetrahydro-3,3,8,8-tetramethylfuro[2,3-h]isoquinolin-1-yl)-2-methoxyphenyl]-2-propenoic acid, 4-(6-ethoxy-3,4,8,9-tetrahydro-3,3,8,8-tetramethylfuro[2,3-h]isoquinolin-1-yl)-2-[(2-quinolinylcarbonyl)amino]benzoic acid, 4-(6-ethoxy-3,4,8,9-tetrahydro-3,3,8,8-tetramethylfuro[2,3-h]isoquinolin-1-yl)-2-[(2-pyridinylcarbonyl)amino]benzene acetic acid, N-[2-(aminocarbonyl)-5-(6-ethoxy-3,4,8,9-tetrahydro-3,3,8,8-tetramethylfuro[2,3-h]isoquinolin-1-yl)phenyl]-2-pyridinecarboxamide or a salt thereof.

15. The compound according to claim 5, which is [[4-(6-

ethoxy-3,4,8,9-tetrahydro-3,3,8,8-tetramethylfuro[2,3-h]isoquinolin-1-yl)phenyl]methoxy]acetic acid, 4-(6-ethoxy-3,4,8,9-tetrahydro-3,3,8,8-tetramethylfuro[2,3-h]isoquinolin-1-yl)-α,α-dimethylbenzene acetic acid or a salt thereof.

16. The pharmaceutical composition comprising the compound according to claim 1 or a prodrug thereof.

17. The pharmaceutical composition according to claim 16, which is a phosphodiesterase IV inhibitor.

18. The pharmaceutical composition according to claim 16, which is a prophylactic and/or therapeutic agent against inflammatory diseases, atopic dermatitis, allergic rhinitis, asthma, chronic obstructive pulmonary diseases, chronic rheumatoid arthritis, autoimmune diseases, depression, Alzheimer's dementia, memory disorders, osteoporosis, diabetes or atherosclerosis.

19. A method of inhibiting phosphodiesterase IV, which comprises administering to a mammal an effective amount of the compound according to claim 1 or a prodrug thereof.

20. A method of preventing and/or treating inflammatory diseases, atopic dermatitis, allergic rhinitis, asthma, chronic obstructive pulmonary diseases, chronic rheumatoid arthritis, autoimmune diseases, depression, Alzheimer's dementia, memory disorders, osteoporosis, diabetes or atherosclerosis, which comprises administering to a mammal an effective amount of the compound according to claim 1 or a prodrug thereof.

21. Use of the compound according to claim 1 or a prodrug thereof for manufacturing a phosphodiesterase IV inhibitor.

22. Use of the compound according to claim 1 or a prodrug thereof for manufacturing a prophylactic and/or therapeutic agent

against inflammatory diseases, atopic dermatitis, allergic rhinitis, asthma, chronic obstructive pulmonary diseases, chronic rheumatoid arthritis, autoimmune diseases, depression, Alzheimer's dementia, memory disorders, osteoporosis, diabetes or atherosclerosis.